

BRUHAT BANGALORE MAHANAGAR PALIKE

DASARAHALLI PROJECT

NAME OF WORK: Improvements and Construction of CC Road and Drains at MEI Layout and Surrounding Roads in Ward No. 14 Bagalagunte.

Name of the Contractor :

Pre-Measurement Sheet

First and Part

Item No:	1									First and Part									
Item Name:	Earthwork excavation by manual means for roads, drains& Similar works in ordinary excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. (Page no 144., I.No.19.1 of KPWD S.R 2018-19)																		
	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS									
	Land Mark			(m)	(m)	(m)	(m)	(m)											
New CC Drain																			
15th Main Road (RHS)																			
Form MEI Layout Main Road	0.00	15.00	1	15.00			1.10	0.90	14.85										
	15.00	30.00	1	15.00			1.10	0.90	14.85										
	30.00	45.00	1	15.00			1.10	0.90	14.85										
	45.00	60.00	1	15.00			1.10	0.90	14.85										
	60.00	75.00	1	15.00			1.10	0.90	14.85										
	75.00	90.00	1	15.00			1.10	0.90	14.85										
	90.00	105.00	1	15.00			1.10	0.90	14.85										
	105.00	115.40	1	10.40			1.10	0.90	14.85										
									10.30										
15th Main Road (LHS)																			
Form MEI Layout Main Road	0.00	15.00	1	15.00			1.10	0.90	14.85										
	15.00	30.00	1	15.00			1.10	0.90	14.85										
	30.00	45.00	1	15.00			1.10	0.90	14.85										
	45.00	60.00	1	15.00			1.10	0.90	14.85										
	60.00	75.00	1	15.00			1.10	0.90	14.85										
	75.00	90.00	1	15.00			1.10	0.90	14.85										
	90.00	105.00	1	15.00			1.10	0.90	14.85										
	105.00	109.50	1	4.50			1.10	0.90	14.85										
									4.46										
1st Cross Road (LHS)																			
Form Medicare Clinic Front Road	0.00	15.00	1	15.00			1.10	0.90	14.85										
	15.00	30.00	1	15.00			1.10	0.90	14.85										
	30.00	45.00	1	15.00			1.10	0.90	14.85										
	45.00	60.00	1	15.00			1.10	0.90	14.85										
	60.00	75.00	1	15.00			1.10	0.90	14.85										
	75.00	90.00	1	15.00			1.10	0.90	14.85										
	90.00	105.00	1	15.00			1.10	0.90	14.85										
	105.00	120.00	1	15.00			1.10	0.90	14.85										
									14.85										
1st Cross Road (RHS)																			
Form Main Road	0.00	15.00	1	15.00			1.10	0.90	14.85										
	15.00	30.00	1	15.00			1.10	0.90	14.85										
	30.00	45.00	1	15.00			1.10	0.90	14.85										
	45.00	60.00	1	15.00			1.10	0.90	14.85										
	60.00	75.00	1	15.00			1.10	0.90	14.85										
	75.00	90.00	1	15.00			1.10	0.90	14.85										
	90.00		1	15.00			1.10	0.90	14.85										
							1.10	0.90	14.85										

Sanmita Technological

27/06/2020

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100%

Asst Executive Engineer
Project Division, District
BDMP, Bongaigaon



Asst. Executive Engineer
Project Division, Dasarahalli
BBMP, Bangalore

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	90.00	96.00	1	6.00			1.10	0.90	5.94	
16th Main Road (RHS)										
Form 1st Cross Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	90.00	1	15.00			1.10	0.90	14.85	
	90.00	105.00	1	15.00			1.10	0.90	14.85	
	105.00	117.20	1	12.20			1.10	0.90	12.08	
16th Main Road (LHS)										
Form Park Side Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	90.00	1	15.00			1.10	0.90	14.85	
	90.00	104.00	1	14.00			1.10	0.90	13.86	
	17th Main Road (RHS)									
Form 1st Cross Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	90.00	1	15.00			1.10	0.90	14.85	
	90.00	92.90	1	2.90			1.10	0.90	2.87	
17th Main Road (LHS)										
Form Park Side Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	90.00	1	15.00			1.10	0.90	14.85	
	90.00	100.10	1	10.10			1.10	0.90	10.00	
18th Main Road (RHS)										
Form 1st Cross Road	0.00	15.00	1	15.00			1.10	0.90	14.85	2830 2630 Asst Executive En Project Division, District BDM, Govt of India
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	84.40	1	9.40			1.10	0.90	9.31	
18th Main Road (LHS)										
Form Park Side Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	90.00	1	15.00			1.10	0.90	14.85	
	90.00	105.00	1	15.00			1.10	0.90	14.85	
	105.00	116.80	1	11.80			1.10	0.90	11.68	
Main Road Towards PK Bakery (RHS)										

28/8/20
26/8/20
Asst. Executive Engineer
Project Division, District
BMD, BMD, BMD

[Signature]
BMD, BMD, BMD

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
							1.10	0.90	14.85	
	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	11.09	
	60.00	71.20	1	11.20						
Park Road (RHS)										
Form Main Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	83.00	1	8.00			1.10	0.90	7.92	
9th Cross Park Road Northern Side (RHS)										
Form 14th Main Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	30.00	1	15.00			1.10	0.90	14.85	
	30.00	45.00	1	15.00			1.10	0.90	14.85	
	45.00	60.00	1	15.00			1.10	0.90	14.85	
	60.00	75.00	1	15.00			1.10	0.90	14.85	
	75.00	90.00	1	15.00			1.10	0.90	14.85	
	90.00	105.00	1	15.00			1.10	0.90	14.85	
	105.00	120.00	1	15.00			1.10	0.90	14.85	
	120.00	135.00	1	15.00			1.10	0.90	14.85	
	135.00	150.00	1	15.00			1.10	0.90	14.85	
	150.00	161.50	1	11.50			1.10	0.90	11.39	
Sidedhahalli Main Road (LHS)										
Near Ashwath Kate Front Side	0.00	13.80	1	13.80			1.10	0.90	13.66	
11th Cross (Ragi mill) (LHS)										
Form Sidedhahalli Main Road	0.00	15.00	1	15.00			1.10	0.90	14.85	
	15.00	21.60	1	6.60			1.10	0.90	6.53	
14th Main Road (RHS)										
From Main Road	0.00	2.00	1	2.00			1.10	0.90	1.98	
	2.00	59.00	1	57.00			1.10	0.90	56.43	
	59.00	75.00	1	16.00			1.10	0.90	15.84	
	75.00	98.00	1	23.00			1.10	0.90	22.77	
	98.00	121.00	1	23.00			1.10	0.90	22.77	
	121.00	139.00	1	18.00			1.10	0.90	17.82	
	139.00	145.00	1	6.00			1.10	0.90	5.94	
	145.00	176.00	1	31.00			1.10	0.90	30.69	
	176.00	194.00	1	18.00			1.10	0.90	17.82	
	194.00	198.00	1	4.00			1.10	0.90	3.96	
	198.00	202.00	1	4.00			1.10	0.90	3.96	
	202.00	214.00	1	12.00			1.10	0.90	11.88	
	214.00	219.00	1	5.00			1.10	0.90	4.95	
	219.00	236.00	1	17.00			1.10	0.90	16.83	
	236.00	256.00	1	20.00			1.10	0.90	19.80	
	256.00	276.00	1	20.00			1.10	0.90	19.80	
14th Main Road (LHS)										
From Balaji Store	0.00	2.00	1	2.00			1.10	0.90	1.98	
	2.00	24.00	1	22.00			1.10	0.90	21.78	
	24.00	32.00	1	8.00			1.10	0.90	7.92	
	32.00	66.00	1	34.00			1.10	0.90	33.66	
	66.00	72.00	1	6.00			1.10	0.90	5.94	
	72.00	108.00	1	36.00			1.10	0.90	35.64	
	108.00	131.00	1	23.00			1.10	0.90	22.77	

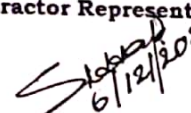
	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	131.00	163.00	1	32.00			1.10	0.90	31.68	
	163.00	169.00	1	6.00						Cross Road
	169.00	195.00	1	26.00			1.10	0.90	25.74	
	195.00	199.00	1	4.00			1.10	0.90	3.96	
	199.00	220.00	1	21.00			1.10	0.90	20.79	
	220.00	250.00	1	30.00			1.10	0.90	29.70	
	250.00	256.00	1	6.00						Cross Road
	256.00	276.00	1	20.00			1.10	0.90	19.80	
14th Main Road (RHS) Towards South Side										
From Main Road	0.00	2.00	1	2.00			1.10	0.90	1.98	
	2.00	20.00	1	18.00			1.10	0.90	17.82	
	20.00	23.00	1	3.00			1.10	0.90	2.97	
	23.00	38.00	1	15.00			1.10	0.90	14.85	
	38.00	54.00	1	16.00			1.10	0.90	15.84	
	54.00	59.00	1	5.00						Cross Road
	59.00	71.00	1	12.00			1.10	0.90	11.88	
	71.00	74.00	1	3.00			1.10	0.90	2.97	
	74.00	79.00	1	5.00						Cross Road
	79.00	110.00	1	31.00			1.10	0.90	30.69	
14th Main Road (LHS) Towards South Side										
From Main Road	0.00	2.00	1	2.00			1.10	0.90	1.98	
	2.00	3.00	1	1.00			1.10	0.90	0.99	
	3.00	20.00	1	17.00			1.10	0.90	16.83	
	20.00	23.00	1	3.00			1.10	0.90	2.97	
	23.00	29.00	1	6.00			1.10	0.90	5.94	
	29.00	43.00	1	14.00			1.10	0.90	13.86	
	43.00	48.00	1	5.00						Cross Road
	48.00	59.00	1	11.00			1.10	0.90	10.89	
	59.00	74.00	1	15.00			1.10	0.90	14.85	
	74.00	79.00	1	5.00						Cross Road
	79.00	95.00	1	16.00			1.10	0.90	15.84	
	95.00	110.00	1	15.00			1.10	0.90	14.85	
New Kerb Stone										
15th Main Road (RHS)										
Form MEI Layout Main Road	0.00	21.00	1	21.00			0.20	0.15	0.63	
	21.00	25.00	1	4.00			0.20	0.15	0.12	
	25.00	37.40	1	12.40			0.20	0.15	0.37	
	37.40	49.30	1	11.90			0.20	0.15	0.36	
	49.30	53.30	1	4.00			0.20	0.15	0.12	
	53.30	55.70	1	2.40			0.20	0.15	0.07	
	55.70	62.90	1	7.20			0.20	0.15	0.22	
	62.90	73.90	1	11.00			0.20	0.15	0.33	
	73.90	86.80	1	12.90						n/t
	86.80	98.00	1	11.20			0.20	0.15	0.34	
	98.00	115.40	1	17.40			0.20	0.15	0.52	
15th Main Road (LHS)										
Form MEI Layout Main Road	0.00	18.40	1	18.40			0.20	0.15	0.55	
	18.40	20.00	1	1.60			0.20	0.15	0.05	
	20.00	28.20	1	8.20			0.20	0.15	0.25	
	28.20	41.20	1	13.00						n/t
	41.20	46.20	1	5.00						n/t
	46.20	55.00	1	8.80						n/t
	55.00	60.60	1	5.60			0.20	0.15	0.17	
	60.60	69.90	1	9.30			0.20	0.15	0.28	
	69.90	72.30	1	2.40			0.20	0.15	0.07	
	72.30	75.60	1	3.30			0.20	0.15	0.10	
	75.60	90.60	1	15.00			0.20	0.15	0.45	
	90.60	102.00	1	11.40			0.20	0.15	0.34	

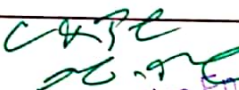
	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	102.00	109.50	1	7.50			0.20	0.15	0.23	
1st Cross Road (LHS)										
Form Medicare Clinic Front Road	0.00	8.30	1	8.30			0.20	0.15	0.25	
	8.30	12.30	1	4.00			0.20	0.15	0.12	
	12.30	27.30	1	15.00			0.20	0.15	0.45	
	27.30	42.30	1	15.00			0.20	0.15	0.45	
	42.30	57.30	1	15.00			0.20	0.15	0.45	
	57.30	72.30	1	15.00			0.20	0.15	0.04	
	72.30	73.60	1	1.30			0.20	0.15	0.06	
	73.60	75.70	1	2.10			0.20	0.15	0.18	
	75.70	81.80	1	6.10			0.20	0.15	0.23	
	81.80	89.40	1	7.60			0.20	0.15	0.45	
	89.40	104.40	1	15.00			0.20	0.15	0.41	
	104.40	118.20	1	13.80			0.20	0.15	0.45	
	118.20	133.20	1	15.00			0.20	0.15	0.05	
	133.20	135.00	1	1.80						
1st Cross Road (RHS)										
Form Medicare Clinic Front Road	0.00	14.80	1	14.80						n/t
	14.80	29.00	1	14.20						n/t
	29.00	30.20	1	1.20						n/t
	30.20	41.40	1	11.20			0.20	0.15	0.34	
	41.40	67.80	1	26.40			0.20	0.15	0.79	
	67.80	96.00	1	28.20			0.20	0.15	0.85	
16th Main Road (RHS)										
Form 1st Cross Road	0.00	18.20	1	18.20			0.20	0.15	0.55	
	18.20	27.50	1	9.30			0.20	0.15	0.28	
	27.50	45.80	1	18.30			0.20	0.15	0.55	
	45.80	51.30	1	5.50			0.20	0.15	0.17	
	51.30	63.90	1	12.60			0.20	0.15	0.38	
	63.90	69.80	1	5.90			0.20	0.15	0.18	
	69.80	73.00	1	3.20			0.20	0.15	0.10	
	73.00	79.90	1	6.90			0.20	0.15	0.21	
	79.90	100.50	1	20.60			0.20	0.15	0.62	
	100.50	117.20	1	16.70			0.20	0.15	0.50	
16th Main Road (LHS)										
Form Park Side Road	0.00	27.70	1	27.70			0.20	0.15	0.83	
	27.70	29.60	1	1.90			0.20	0.15	0.06	
	29.60	32.50	1	2.90			0.20	0.15	0.09	
	32.50	36.90	1	4.40			0.20	0.15	0.13	
	36.90	40.40	1	3.50						n/t
	40.40	55.40	1	15.00			0.20	0.15	0.45	
	55.40	65.60	1	10.20						n/t
	65.60	73.90	1	8.30			0.20	0.15	0.25	
	73.90	83.00	1	9.10						n/t
	83.00	96.50	1	13.50			0.20	0.15	0.41	
	96.50	97.70	1	1.20			0.20	0.15	0.04	
	97.70	104.00	1	6.30			0.20	0.15	0.19	
17th Main Road (RHS)										
Form 1st Cross Road	0.00	7.60	1	7.60			0.20	0.15	0.23	
	7.60	19.60	1	12.00			0.20	0.15	0.36	
	19.60	29.00	1	9.40			0.20	0.15	0.28	
	29.00	37.60	1	8.60			0.20	0.15	0.26	
	37.60	42.00	1	4.40			0.20	0.15	0.13	
	42.00	47.00	1	5.00			0.20	0.15	0.15	
	47.00	52.60	1	5.60			0.20	0.15	0.17	
	52.60	56.00	1	3.40			0.20	0.15	0.10	
	56.00	58.50	1	2.50			0.20	0.15	0.08	
	58.50	63.90	1	5.40			0.20	0.15	0.16	
CATE 76.2.20 Asst. Executive Project Division, D BPT, 2020										

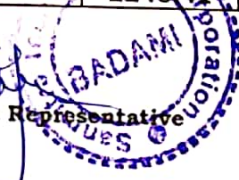
	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	63.90	65.80	1	1.90			0.20	0.15	0.06	
	65.80	74.20	1	8.40			0.20	0.15	0.25	
	74.20	84.50	1	10.30			0.20	0.15	0.31	
	84.50	92.90	1	8.40			0.20	0.15	0.25	
17th Main Road (LHS)										
Form Park Side Road	0.00	10.00	1	10.00			0.20	0.15	0.30	
	10.00	28.30	1	18.30			0.20	0.15	0.55	
	28.30	34.80	1	6.50						n/t
	34.80	39.20	1	4.40						n/t
	39.20	46.80	1	7.60			0.20	0.15	0.23	
	46.80	55.90	1	9.10						n/t
	55.90	65.20	1	9.30			0.20	0.15	0.28	
	65.20	71.50	1	6.30			0.20	0.15	0.19	
	71.50	83.40	1	11.90			0.20	0.15	0.36	
	83.40	92.60	1	9.20						n/t
	92.60	100.10	1	7.50			0.20	0.15	0.23	
18th Main Road (RHS)										
Form 1st Cross Road	0.00	3.00	1	3.00						n/t
	3.00	5.80	1	2.80			0.20	0.15	0.08	
	5.80	9.80	1	4.00			0.20	0.15	0.12	
	9.80	27.40	1	17.60			0.20	0.15	0.53	
	27.40	32.20	1	4.80			0.20	0.15	0.14	
	32.20	46.20	1	14.00			0.20	0.15	0.42	
	46.20	73.90	1	27.70			0.20	0.15	0.83	
	73.90	82.40	1	8.50			0.20	0.15	0.26	
	82.40	84.40	1	2.00						n/t
18th Main Road (LHS)										
Form Park Side Road	0.00	6.30	1	6.30			0.20	0.15	0.19	
	6.30	11.30	1	5.00			0.20	0.15	0.15	
	11.30	25.30	1	14.00			0.20	0.15	0.42	
	25.30	29.90	1	4.60						n/t
	29.90	37.70	1	7.80						n/t
	37.70	45.00	1	7.30			0.20	0.15	0.22	
	45.00	49.00	1	4.00			0.20	0.15	0.12	
	49.00	53.10	1	4.10			0.20	0.15	0.12	
	53.10	67.30	1	14.20			0.20	0.15	0.43	
	67.30	69.30	1	2.00			0.20	0.15	0.06	
	69.30	76.40	1	7.10			0.20	0.15	0.21	
	76.40	89.70	1	13.30			0.20	0.15	0.40	
	89.70	94.40	1	4.70						n/t
	94.40	106.00	1	11.60			0.20	0.15	0.35	
	106.00	108.10	1	2.10			0.20	0.15	0.06	
	108.10	116.80	1	8.70			0.20	0.15	0.26	
Main Road Towards PK Bakery (RHS)										
	0.00	15.60	1	15.60			0.20	0.15	0.47	
	15.60	24.40	1	8.80			0.20	0.15	0.26	
	24.40	39.70	1	15.30			0.20	0.15	0.46	
	39.70	52.20	1	12.50						n/t
	52.20	71.20	1	19.00			0.20	0.15	0.57	
Park Road (RHS)										
Form Main Road	0.00	4.90	1	4.90			0.20	0.15	0.15	
	4.90	9.10	1	4.20						n/t
	9.10	12.10	1	3.00			0.20	0.15	0.09	
	12.10	15.30	1	3.20						n/t
	15.30	18.90	1	3.60			0.20	0.15	0.11	
	18.90	35.60	1	16.70			0.20	0.15	0.50	
	35.60	43.60	1	8.00			0.20	0.15	0.24	
	43.60	46.10	1	2.50			0.20	0.15	0.08	

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	46.10	65.90	1	19.80			0.20	0.15	0.59	
	65.90	83.00	1	17.10			0.20	0.15	0.51	
9th Cross Park Road Northern Side (RHS)										
Form 14th Main Road	0.00	12.00	1	12.00			0.20	0.15	0.36	
	12.00	27.70	1	15.70			0.20	0.15	0.47	
	27.70	35.60	1	7.90			0.20	0.15	0.24	
	35.60	39.90	1	4.30			0.20	0.15	0.13	
	39.90	45.00	1	5.10			0.20	0.15	0.15	
	45.00	56.20	1	11.20			0.20	0.15	0.34	
	56.20	62.10	1	5.90			0.20	0.15	0.18	
	62.10	65.50	1	3.40			0.20	0.15	0.10	
	65.50	72.60	1	7.10			0.20	0.15	0.21	
	72.60	74.70	1	2.10			0.20	0.15	0.06	
	74.70	100.30	1	25.60			0.20	0.15	0.77	
	100.30	112.10	1	11.80			0.20	0.15	0.35	
	112.10	131.10	1	19.00			0.20	0.15	0.57	
	131.10	134.20	1	3.10						n/t
	134.20	161.50	1	27.30			0.20	0.15	0.82	
Sidedhahalli Main Road (LHS)										
Near Ashwath Kate Front Side	0.00	13.80	1	13.80			0.20	0.15	0.41	
11th Cross (Ragi mill) (LHS)										
Form Sidedhahalli Main Road	0.00	21.60	1	21.60						n/t
14th Main Road (RHS)										
From Main Road	0.00	2.00	1	2.00			0.20	0.15	0.06	
	2.00	59.00	1	57.00			0.20	0.15	1.71	
	59.00	75.00	1	16.00						N/t
	75.00	98.00	1	23.00			0.20	0.15	0.69	
	98.00	121.00	1	23.00						N/t
	121.00	139.00	1	18.00			0.20	0.15	0.54	
	139.00	145.00	1	6.00						N/t
	145.00	176.00	1	31.00			0.20	0.15	0.93	
	176.00	194.00	1	18.00						N/t
	194.00	198.00	1	4.00			0.20	0.15	0.12	
	198.00	202.00	1	4.00						N/t
	202.00	214.00	1	12.00			0.20	0.15	0.36	
	214.00	219.00	1	5.00						N/t
	219.00	236.00	1	17.00			0.20	0.15	0.51	
	236.00	256.00	1	20.00						N/t
	256.00	276.00	1	20.00			0.20	0.15	0.60	
14th Main Road (LHS)										
From Balaji Store	0.00	2.00	1	2.00			0.20	0.15	0.06	
	2.00	24.00	1	22.00						N/t
	24.00	32.00	1	8.00			0.20	0.15	0.24	
	32.00	66.00	1	34.00						N/t
	66.00	72.00	1	6.00			0.20	0.15	0.18	
	72.00	108.00	1	36.00						N/t
	108.00	131.00	1	23.00			0.20	0.15	0.69	
	131.00	163.00	1	32.00						N/t
	163.00	169.00	1	6.00						Cross Road
	169.00	195.00	1	26.00			0.20	0.15	0.78	
	195.00	199.00	1	4.00						N/t
	199.00	220.00	1	21.00			0.20	0.15	0.63	
	220.00	250.00	1	30.00						N/t
	250.00	256.00	1	6.00						Cross Road

	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
	256.00	276.00	1	20.00			0.20	0.15	0.60	
14th Main Road (RHS) Towards South Side										
From Main Road	0.00	2.00	1	2.00			0.20	0.15	0.06	
	2.00	20.00	1	18.00			0.20	0.15	0.54	
	20.00	23.00	1	3.00						N/t
	23.00	38.00	1	15.00			0.20	0.15	0.45	
	38.00	54.00	1	16.00						N/t
	54.00	59.00	1	5.00						Cross Road
	59.00	71.00	1	12.00			0.20	0.15	0.36	
	71.00	74.00	1	3.00						N/t
	74.00	79.00	1	5.00						Cross Road
	79.00	110.00	1	31.00			0.20	0.15	0.93	
14th Main Road (LHS) Towards South Side										
From Main Road	0.00	2.00	1	2.00			0.20	0.15	0.06	
	2.00	3.00	1	1.00						N/t
	3.00	20.00	1	17.00			0.20	0.15	0.51	
	20.00	23.00	1	3.00						N/t
	23.00	29.00	1	6.00			0.20	0.15	0.18	
	29.00	43.00	1	14.00			0.20	0.15	0.42	
	43.00	48.00	1	5.00						Cross Road
	48.00	59.00	1	11.00			0.20	0.15	0.33	
	59.00	74.00	1	15.00						N/t
	74.00	79.00	1	5.00						Cross Road
	79.00	95.00	1	16.00			0.20	0.15	0.48	
	95.00	110.00	1	15.00						N/t
NEW CULVERTS										
18th Main Road			1	6.80			1.50	1.20	12.24	
17th Main Road			1	6.90			1.50	1.20	12.42	
16th Main Road			1	7.30			1.50	1.20	13.14	
Main Road towards Pk Bakery			1	11.00			1.50	1.20	19.80	
Total Qty Work Done									2248.41	
Qty Payable in this bill									2248.41	


 Contractor Representative

 Assistant Engineer
 Project-Dasarahalli Division
 BBMP-Bangalore


 Asst. Executive Engineer
 Project Division, Dasarahalli Zone
 BBMP, Bangalore


 Consultant Representative

 Asst. Executive Engineer
 Project-Dasarahalli Division
 BBMP-Bangalore

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI PROJECT

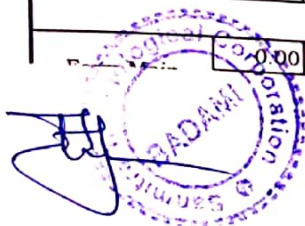
NAME OF WORK: Improvements and Construction of CC Road and Drains at MEI Layout and Surrounding Roads in Ward No. 14 Bagalagunte.

Name of the Contractor :

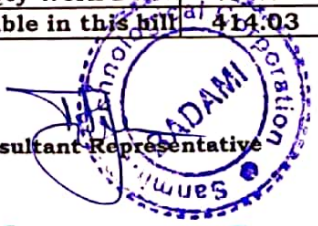
Pre-Measurement Sheet

First and Part

Item No:	2		First and Last							
Item Name:	KSRB M2100-10.Providing and laying in position plain cement concrete of mix 1:3:6 with op cement @220kgs with 20 mm and down size graded granite metal course aggregate @0.84cum and fine aggregates @0.56 cum machine mixed,laid in layers not exceeding 15cms thick well compacted in foundation,plinth and cills including cost of all materials,labour,HOM OF machinery, curing complete as per specification (Pg No-12.Item No.27.18 of KPWD S.R 2018-19)									
SLNO	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS	
	Land Mark		(m)	(m)	(m)	(m)	(m)			
New CC Drain										
15th Main Road (RHS)										
Form MEI Layout Main Road	0.00	15.00	1	15.00		1.10	0.15	2.48		
	15.00	30.00	1	15.00		1.10	0.15	2.48		
	30.00	45.00	1	15.00		1.10	0.15	2.48		
	45.00	60.00	1	15.00		1.10	0.15	2.48		
	60.00	75.00	1	15.00		1.10	0.15	2.48		
	75.00	90.00	1	15.00		1.10	0.15	2.48		
	90.00	105.00	1	15.00		1.10	0.15	2.48		
	105.00	115.40	1	10.40		1.10	0.15	1.72		
15th Main Road (LHS)										
Form MEI Layout Main Road	0.00	15.00	1	15.00		1.10	0.15	2.48		
	15.00	30.00	1	15.00		1.10	0.15	2.48		
	30.00	45.00	1	15.00		1.10	0.15	2.48		
	45.00	60.00	1	15.00		1.10	0.15	2.48		
	60.00	75.00	1	15.00		1.10	0.15	2.48		
	75.00	90.00	1	15.00		1.10	0.15	2.48		
	90.00	105.00	1	15.00		1.10	0.15	2.48		
	105.00	109.50	1	4.50		1.10	0.15	0.74		
1st Cross Road (LHS)										
Form Medicare Clinic Front Road	0.00	15.00	1	15.00		1.10	0.15	2.48		
	15.00	30.00	1	15.00		1.10	0.15	2.48		
	30.00	45.00	1	15.00		1.10	0.15	2.48		
	45.00	60.00	1	15.00		1.10	0.15	2.48		
	60.00	75.00	1	15.00		1.10	0.15	2.48		
	75.00	90.00	1	15.00		1.10	0.15	2.48		
	90.00	105.00	1	15.00		1.10	0.15	2.48		
	105.00	120.00	1	15.00		1.10	0.15	2.48		
	120.00	135.00	1	15.00		1.10	0.15	2.48		
1st Cross Road (RHS)										
	0.00	15.00	1	15.00		1.10	0.15	2.48		



Asst. Executive Engineer
Project Division, Dasarahalli Zone
BRMP Bangalore

First and Part										
Item No:	2									
	24.00	32.00	1	8.00			0.20	0.15	0.24	N/t
	32.00	66.00	1	34.00						
	66.00	72.00	1	6.00			0.20	0.15	0.18	
	72.00	108.00	1	36.00						N/t
	108.00	131.00	1	23.00			0.20	0.15	0.69	
	131.00	163.00	1	32.00						N/t
	163.00	169.00	1	6.00						Cross Road
	169.00	195.00	1	26.00			0.20	0.15	0.78	
	195.00	199.00	1	4.00						N/t
	199.00	220.00	1	21.00			0.20	0.15	0.63	
	220.00	250.00	1	30.00						N/t
	250.00	256.00	1	6.00						Cross Road
	256.00	276.00	1	20.00			0.20	0.15	0.60	
14th Main Road (RHS) Towards South Side										
From Main Road	0.00	2.00	1	2.00			0.20	0.15	0.06	
	2.00	20.00	1	18.00			0.20	0.15	0.54	
	20.00	23.00	1	3.00						N/t
	23.00	38.00	1	15.00			0.20	0.15	0.45	
	38.00	54.00	1	16.00						N/t
	54.00	59.00	1	5.00						Cross Road
	59.00	71.00	1	12.00			0.20	0.15	0.36	
	71.00	74.00	1	3.00						N/t
	74.00	79.00	1	5.00						Cross Road
	79.00	110.00	1	31.00			0.20	0.15	0.93	
14th Main Road (LHS) Towards South Side										
From Main Road	0.00	2.00	1	2.00			0.20	0.15	0.06	
	2.00	3.00	1	1.00						N/t
	3.00	20.00	1	17.00			0.20	0.15	0.51	
	20.00	23.00	1	3.00						N/t
	23.00	29.00	1	6.00			0.20	0.15	0.18	
	29.00	43.00	1	14.00			0.20	0.15	0.42	
	43.00	48.00	1	5.00						Cross Road
	48.00	59.00	1	11.00			0.20	0.15	0.33	
	59.00	74.00	1	15.00						N/t
	74.00	79.00	1	5.00						Cross Road
	79.00	95.00	1	16.00			0.20	0.15	0.48	
	95.00	110.00	1	15.00						N/t
NEW CULVERTS										
18th Main Road			1	6.80			1.50	0.15	1.53	
17th Main Road			1	6.90			1.50	0.15	1.55	
16th Main Road			1	7.30			1.50	0.15	1.64	
Main Road towards Pk Bakery			1	11.00			1.50	0.15	2.48	
Total Qty Work Done									414.03	Cum
Qty Payable in this bill									414.03	Cum
 Contractor Representative Assistant Engineer Project-Dasarahalli Division BBMP-Bangalore  Consultant Representative Asst. Executive Engineer Project-Dasarahalli Division BBMP-Bangalore										

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI PROJECT

NAME OF WORK: Improvements and Construction of CC Road and Drains at MEI Layout and Surrounding Roads in Ward No. 14 Bagalagunte.

Name of the Contractor :

Pre-Measurement Sheet

First and Part

Item No:	3										
Item Name:	Providing and Laying plain reinforced cement concrete for side drains using m20 nominul mix concrete with OPC cement 300kgs. With 20mm and down size ganite metal course aggregates @0.69cum and fine aggregates @0.43cum machine mixed,well compacted for walls and bottom including centring,shuttring, cost of materails, HOM of machinaries. Complete Excluding cost of steel asper MORTH Specification no1500,1700,2200. Wall And Bottom thickness 15cm KSSRB Page No 265 Item No 37.59 and 37.59.2										
SLNO	CHAINAGE		NO	L	B	B1	Avg B	D	QTY	REMARKS	
	Land Mark			(m)	(m)	(m)	(m)	(m)			
Raft											
New CC Drain											
15th Main Road (RHS)											
Form MEI Layout Main Road	0.00	15.00	1	15.00			0.90	0.15	2.03		
	15.00	30.00	1	15.00			0.90	0.15	2.03		
	30.00	45.00	1	15.00			0.90	0.15	2.03		
	45.00	60.00	1	15.00			0.90	0.15	2.03		
	60.00	75.00	1	15.00			0.90	0.15	2.03		
	75.00	90.00	1	15.00			0.90	0.15	2.03		
	90.00	105.00	1	15.00			0.90	0.15	2.03		
	105.00	115.40	1	10.40			0.90	0.15	1.40		
15th Main Road (LHS)											
Form MEI Layout Main Road	0.00	15.00	1	15.00			0.90	0.15	2.03	CC Drain 15th Main Road LHS 15th Main Road RHS 1st Cross Road LHS 1st Cross Road RHS Form Main Road	
	15.00	30.00	1	15.00			0.90	0.15	2.03		
	30.00	45.00	1	15.00			0.90	0.15	2.03		
	45.00	60.00	1	15.00			0.90	0.15	2.03		
	60.00	75.00	1	15.00			0.90	0.15	2.03		
	75.00	90.00	1	15.00			0.90	0.15	2.03		
	90.00	105.00	1	15.00			0.90	0.15	2.03		
	105.00	109.50	1	4.50			0.90	0.15	0.61		
1st Cross Road (LHS)											
Form Medicare Clinic Front Road	0.00	15.00	1	15.00			0.90	0.15	2.03		
	15.00	30.00	1	15.00			0.90	0.15	2.03		
	30.00	45.00	1	15.00			0.90	0.15	2.03		
	45.00	60.00	1	15.00			0.90	0.15	2.03		
	60.00	75.00	1	15.00			0.90	0.15	2.03		
	75.00	90.00	1	15.00			0.90	0.15	2.03		
	90.00	105.00	1	15.00			0.90	0.15	2.03		
	105.00	120.00	1	15.00			0.90	0.15	2.03		
	120.00	135.00	1	15.00			0.90	0.15	2.03		
1st Cross Road (RHS)											
Form Main Road	0.00	15.00	1	15.00			0.90	0.15	2.03		
	15.00	30.00	1	15.00			0.90	0.15	2.03		
	30.00	45.00	1	15.00			0.90	0.15	2.03		
	45.00	60.00	1	15.00			0.90	0.15	2.03		

Pre-Measurement Sheet

First and Part

	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	90.00	1	15.00			0.90	0.15	2.03	
	90.00	96.00	1	6.00			0.90	0.15	0.81	
16th Main Road (RHS)										
Form 1st Cross Road	0.00	15.00	1	15.00			0.90	0.15	2.03	
	15.00	30.00	1	15.00			0.90	0.15	2.03	
	30.00	45.00	1	15.00			0.90	0.15	2.03	
	45.00	60.00	1	15.00			0.90	0.15	2.03	
	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	90.00	1	15.00			0.90	0.15	2.03	
	90.00	105.00	1	15.00			0.90	0.15	2.03	
	105.00	117.20	1	12.20			0.90	0.15	1.65	
16th Main Road (LHS)										
Form Park Side Road	0.00	15.00	1	15.00			0.90	0.15	2.03	
	15.00	30.00	1	15.00			0.90	0.15	2.03	
	30.00	45.00	1	15.00			0.90	0.15	2.03	
	45.00	60.00	1	15.00			0.90	0.15	2.03	
	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	90.00	1	15.00			0.90	0.15	2.03	
	90.00	104.00	1	14.00			0.90	0.15	1.89	
17th Main Road (RHS)										
Form 1st Cross Road	0.00	15.00	1	15.00			0.90	0.15	2.03	
	15.00	30.00	1	15.00			0.90	0.15	2.03	
	30.00	45.00	1	15.00			0.90	0.15	2.03	
	45.00	60.00	1	15.00			0.90	0.15	2.03	
	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	90.00	1	15.00			0.90	0.15	2.03	
	90.00	92.90	1	2.90			0.90	0.15	0.39	
17th Main Road (LHS)										
Form Park Side Road	0.00	15.00	1	15.00			0.90	0.15	2.03	
	15.00	30.00	1	15.00			0.90	0.15	2.03	
	30.00	45.00	1	15.00			0.90	0.15	2.03	
	45.00	60.00	1	15.00			0.90	0.15	2.03	
	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	90.00	1	15.00			0.90	0.15	2.03	
	90.00	100.10	1	10.10			0.90	0.15	2.03	
							0.90	0.15	1.36	
18th Main Road (RHS)										
Form 1st Cross Road	0.00	15.00	1	15.00			0.90	0.15	2.03	
	15.00	30.00	1	15.00			0.90	0.15	2.03	
	30.00	45.00	1	15.00			0.90	0.15	2.03	
	45.00	60.00	1	15.00			0.90	0.15	2.03	
	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	84.40	1	9.40			0.90	0.15	2.03	
							0.90	0.15	1.27	
18th Main Road (LHS)										
Form Park Side Road	0.00	15.00	1	15.00			0.90	0.15	2.03	
	15.00	30.00	1	15.00			0.90	0.15	2.03	
	30.00	45.00	1	15.00			0.90	0.15	2.03	
	45.00	60.00	1	15.00			0.90	0.15	2.03	
	60.00	75.00	1	15.00			0.90	0.15	2.03	
	75.00	90.00	1	15.00			0.90	0.15	2.03	
	90.00	105.00	1	15.00			0.90	0.15	2.03	
							0.90	0.15	2.03	



Asst. Executive Engineer

Pre-Measurement Sheet

First and Part

	105.00	116.80	1	11.80		0.90	0.15	1.59
Main Road Towards PK Bakery (RHS)								
	0.00	15.00	1	15.00		0.90	0.15	2.03
	15.00	30.00	1	15.00		0.90	0.15	2.03
	30.00	45.00	1	15.00		0.90	0.15	2.03
	45.00	60.00	1	15.00		0.90	0.15	2.03
	60.00	71.20	1	11.20		0.90	0.15	1.51
Park Road (RHS)								
Form Main Road	0.00	15.00	1	15.00		0.90	0.15	2.03
	15.00	30.00	1	15.00		0.90	0.15	2.03
	30.00	45.00	1	15.00		0.90	0.15	2.03
	45.00	60.00	1	15.00		0.90	0.15	2.03
	60.00	75.00	1	15.00		0.90	0.15	2.03
	75.00	83.00	1	8.00		0.90	0.15	1.08
9th Cross Park Road Northern Side (RHS)								
Form 14th Main Road	0.00	15.00	1	15.00		0.90	0.15	2.03
	15.00	30.00	1	15.00		0.90	0.15	2.03
	30.00	45.00	1	15.00		0.90	0.15	2.03
	45.00	60.00	1	15.00		0.90	0.15	2.03
	60.00	75.00	1	15.00		0.90	0.15	2.03
	75.00	90.00	1	15.00		0.90	0.15	2.03
	90.00	105.00	1	15.00		0.90	0.15	2.03
	105.00	120.00	1	15.00		0.90	0.15	2.03
	120.00	135.00	1	15.00		0.90	0.15	2.03
	135.00	150.00	1	15.00		0.90	0.15	2.03
	150.00	161.50	1	11.50		0.90	0.15	1.55
Sidedhahalli Main Road (LHS)								
Near Ashwath Kate Front Side	0.00	13.80	1	13.80		0.90	0.15	1.86
11th Cross (Ragi mill) (LHS)								
Form Sidedhahalli Main Road	0.00	15.00	1	15.00		0.90	0.15	2.03
	15.00	21.60	1	6.60		0.90	0.15	0.89
14th Main Road (RHS)								
From Main Road	0.00	2.00	1	2.00		0.90	0.15	0.27
	2.00	59.00	1	57.00		0.90	0.15	7.70
	59.00	75.00	1	16.00		0.90	0.15	2.16
	75.00	98.00	1	23.00		0.90	0.15	3.11
	98.00	121.00	1	23.00		0.90	0.15	3.11
	121.00	139.00	1	18.00		0.90	0.15	2.43
	139.00	145.00	1	6.00		0.90	0.15	0.81
	145.00	176.00	1	31.00		0.90	0.15	4.19
	176.00	194.00	1	18.00		0.90	0.15	2.43
	194.00	198.00	1	4.00		0.90	0.15	0.54
	198.00	202.00	1	4.00		0.90	0.15	0.54
	202.00	214.00	1	12.00		0.90	0.15	1.62
	214.00	219.00	1	5.00		0.90	0.15	0.68
	219.00	236.00	1	17.00		0.90	0.15	2.30
	236.00	256.00	1	20.00		0.90	0.15	2.70
	256.00	276.00	1	20.00		0.90	0.15	2.70
14th Main Road (LHS)								
From Balaji Store	0.00	2.00	1	2.00		0.90	0.15	0.27
	2.00	24.00	1	22.00		0.90	0.15	2.97
	24.00	32.00	1	8.00		0.90	0.15	1.08

Handwritten notes in Kannada script, including "ರೂಪಾಯಿ ವಿಭಾಗ" (Rupee Department) and "ದಾಖಲೆ ಇಲಾಖೆ" (Records Department).

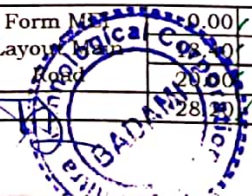
Official stamp of the organization, partially legible, with the word "Corporation" visible.

Asst. Executive Engineer

Pre-Measurement Sheet

First and Part

	32.00	66.00	1	34.00		0.90	0.15	4.59	
	66.00	72.00	1	6.00		0.90	0.15	0.81	
	72.00	108.00	1	36.00		0.90	0.15	4.86	
	108.00	131.00	1	23.00		0.90	0.15	3.11	
	131.00	163.00	1	32.00		0.90	0.15	4.32	
	163.00	169.00	1	6.00					Cross Road
	169.00	195.00	1	26.00		0.90	0.15	3.51	
	195.00	199.00	1	4.00		0.90	0.15	0.54	
	199.00	220.00	1	21.00		0.90	0.15	2.84	
	220.00	250.00	1	30.00		0.90	0.15	4.05	
	250.00	256.00	1	6.00					Cross Road
	256.00	276.00	1	20.00		0.90	0.15	2.70	
14th Main Road (RHS) Towards South Side									
From Main Road	0.00	2.00	1	2.00		0.90	0.15	0.27	
	2.00	20.00	1	18.00		0.90	0.15	2.43	
	20.00	23.00	1	3.00		0.90	0.15	0.41	
	23.00	38.00	1	15.00		0.90	0.15	2.03	
	38.00	54.00	1	16.00		0.90	0.15	2.16	
	54.00	59.00	1	5.00					Cross Road
	59.00	71.00	1	12.00		0.90	0.15	1.62	
	71.00	74.00	1	3.00		0.90	0.15	0.41	
	74.00	79.00	1	5.00					Cross Road
	79.00	110.00	1	31.00		0.90	0.15	4.19	
14th Main Road (LHS) Towards South Side									
From Main Road	0.00	2.00	1	2.00		0.90	0.15	0.27	
	2.00	3.00	1	1.00		0.90	0.15	0.14	
	3.00	20.00	1	17.00		0.90	0.15	2.30	
	20.00	23.00	1	3.00		0.90	0.15	0.41	
	23.00	29.00	1	6.00		0.90	0.15	0.81	
	29.00	43.00	1	14.00		0.90	0.15	1.89	
	43.00	48.00	1	5.00					Cross Road
	48.00	59.00	1	11.00		0.90	0.15	1.49	
	59.00	74.00	1	15.00		0.90	0.15	2.03	
	74.00	79.00	1	5.00					Cross Road
	79.00	95.00	1	16.00		0.90	0.15	2.16	
	95.00	110.00	1	15.00		0.90	0.15	2.03	
NEW CULVERTS									
18th Main Road			1	6.80		1.20	0.20	1.63	
17th Main Road			1	6.90		1.20	0.20	1.66	
16th Main Road			1	7.30		1.20	0.20	1.75	
Main Road towards Pk Bakery			1	11.00		1.20	0.20	2.64	
WALL									
New CC Drain									
15th Main Road (RHS)									
Form MEI	0.00	21.00	2	21.00		0.15	0.59	3.72	
Layout Main Road	21.00	25.00	2	4.00		0.15	0.59	0.71	
	25.00	37.40	2	12.40		0.15	0.58	2.16	
	37.40	49.30	2	11.90		0.15	0.57	2.03	
	49.30	53.30	2	4.00		0.15	0.60	0.72	
	53.30	55.70	2	2.40		0.15	0.60	0.43	
	55.70	62.90	2	7.20		0.15	0.58	1.25	
	62.90	73.90	2	11.00		0.15	0.60	1.98	
	73.90	86.80	2	12.90		0.15	0.60	2.32	
	86.80	98.00	2	11.20		0.15	0.56	1.88	
	98.00	115.40	2	17.40		0.15	0.54	2.82	
15th Main Road (LHS)									
Form MEI	0.00	18.40	2	18.40		0.15	0.62	3.42	
Layout Main Road	18.40	20.00	2	1.60		0.15	0.60	0.29	
	20.00	28.20	2	8.20		0.15	0.60	1.48	
	28.20	41.20	2	13.00		0.15	0.58	2.26	

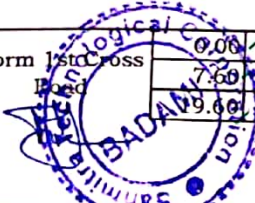


Asst. Executive Engineer

Pre-Measurement Sheet

First and Part

	41.20	46.20	2	5.00			0.15	0.70	1.05	
	46.20	55.00	2	8.80			0.15	0.60	1.58	
	55.00	60.60	2	5.60			0.15	0.67	1.13	
	60.60	69.90	2	9.30			0.15	0.67	1.87	
	69.90	72.30	2	2.40			0.15	0.66	0.48	
	72.30	75.60	2	3.30			0.15	0.66	0.65	
	75.60	90.60	2	15.00			0.15	0.63	2.84	
	90.60	102.00	2	11.40			0.15	0.63	2.15	
	102.00	109.50	2	7.50						Only Kerb
1st Cross Road (LHS)										
Form Medicare Clinic Front Road	0.00	8.30	2	8.30			0.15	0.70	1.74	
	8.30	12.30	2	4.00			0.15	0.70	0.84	
	12.30	27.30	2	15.00			0.15	0.62	2.79	
	27.30	42.30	2	15.00			0.15	0.60	2.70	
	42.30	57.30	2	15.00			0.15	0.60	2.70	
	57.30	72.30	2	15.00			0.15	0.57	2.57	
	72.30	73.60	2	1.30			0.15	0.57	0.22	
	73.60	75.70	2	2.10			0.15	0.54	0.34	
	75.70	81.80	2	6.10			0.15	0.54	0.99	
	81.80	89.40	2	7.60			0.15	0.56	1.28	
	89.40	104.40	2	15.00			0.15	0.58	2.61	
	104.40	118.20	2	13.80			0.15	0.58	2.40	
	118.20	133.20	2	15.00			0.15	0.56	2.52	
	133.20	135.00	2	1.80			0.15	0.66	0.36	
1st Cross Road (RHS)										
Form Medicare Clinic Front Road	0.00	14.80	2	14.80			0.15	0.90	4.00	
	14.80	29.00	2	14.20			0.15	0.59	2.51	
	29.00	30.20	2	1.20			0.15	0.80	0.29	
	30.20	41.40	2	11.20			0.15	0.80	2.69	
	41.40	67.80	2	26.40			0.15	0.60	4.75	
	67.80	96.00	2	28.20			0.15	0.63	5.33	
16th Main Road (RHS)										
Form 1st Cross Road	0.00	18.20	2	18.20			0.15	0.62	3.39	
	18.20	27.50	2	9.30			0.15	0.58	1.62	
	27.50	45.80	2	18.30			0.15	0.57	3.13	
	45.80	51.30	2	5.50			0.15	0.57	0.94	
	51.30	63.90	2	12.60			0.15	0.56	2.12	
	63.90	69.80	2	5.90			0.15	0.55	0.97	
	69.80	73.00	2	3.20			0.15	0.50	0.48	
	73.00	79.90	2	6.90			0.15	0.55	1.14	
	79.90	100.50	2	20.60			0.15	0.52	3.21	
	100.50	117.20	2	16.70			0.15	0.53	2.66	
16th Main Road (LHS)										
Form Park Side Road	0.00	27.70	2	27.70			0.15	0.60	4.99	
	27.70	29.60	2	1.90			0.15	0.60	0.34	
	29.60	32.50	2	2.90			0.15	0.62	0.54	
	32.50	36.90	2	4.40			0.15	0.62	0.82	
	36.90	40.40	2	3.50			0.15	0.60	0.63	
	40.40	55.40	2	15.00			0.15	0.60	2.70	
	55.40	65.60	2	10.20			0.15	0.60	1.84	
	65.60	73.90	2	8.30			0.15	0.60	1.49	
	73.90	83.00	2	9.10			0.15	0.60	1.64	
	83.00	96.50	2	13.50			0.15	0.60	2.43	
	96.50	97.70	2	1.20			0.15	0.61	0.22	
	97.70	104.00	2	6.30			0.15	0.64	1.21	
17th Main Road (RHS)										
Form 1st Cross Road	0.00	7.60	2	7.60			0.15	0.60	1.37	
	7.60	19.60	2	12.00			0.15	0.60	2.16	
	19.60	29.00	2	9.40			0.15	0.60	1.69	



Asst. Executive Engineer
Division, Hassanam Zone

Pre-Measurement Sheet

First and Part

	29.00	37.60	2	8.60		0.15	0.60	1.55
	37.60	42.00	2	4.40		0.15	0.60	0.79
	42.00	47.00	2	5.00		0.15	0.60	0.90
	47.00	52.60	2	5.60		0.15	0.60	1.01
	52.60	56.00	2	3.40		0.15	0.60	0.61
	56.00	58.50	2	2.50		0.15	0.56	0.42
	58.50	63.90	2	5.40		0.15	0.50	0.81
	63.90	65.80	2	1.90		0.15	0.54	0.31
	65.80	74.20	2	8.40		0.15	0.50	1.26
	74.20	84.50	2	10.30		0.15	0.50	1.55
	84.50	92.90	2	8.40		0.15	0.40	1.01

17th Main Road (LHS)

Form Park Side Road	0.00	10.00	2	10.00		0.15	0.56	1.68
	10.00	28.30	2	18.30		0.15	0.50	2.75
	28.30	34.80	2	6.50		0.15	0.55	1.07
	34.80	39.20	2	4.40		0.15	0.55	0.73
	39.20	46.80	2	7.60		0.15	0.54	1.23
	46.80	55.90	2	9.10		0.15	0.54	1.47
	55.90	65.20	2	9.30		0.15	0.60	1.67
	65.20	71.50	2	6.30		0.15	0.60	1.13
	71.50	83.40	2	11.90		0.15	0.60	2.14
	83.40	92.60	2	9.20		0.15	0.54	1.49
	92.60	100.10	2	7.50		0.15	0.54	1.22

18th Main Road (RHS)

Form 1st Cross Road	0.00	3.00	2	3.00		0.15	0.53	0.48
	3.00	5.80	2	2.80		0.15	0.47	0.39
	5.80	9.80	2	4.00		0.15	0.47	0.56
	9.80	27.40	2	17.60		0.15	0.47	2.48
	27.40	32.20	2	4.80		0.15	0.45	0.65
	32.20	46.20	2	14.00		0.15	0.43	1.81
	46.20	73.90	2	27.70		0.15	0.54	4.49
	73.90	82.40	2	8.50		0.15	0.60	1.53
	82.40	84.40	2	2.00		0.15	0.60	0.36

18th Main Road (LHS)

Form Park Side Road	0.00	6.30	2	6.30		0.15	0.60	1.13
	6.30	11.30	2	5.00		0.15	0.60	0.90
	11.30	25.30	2	14.00		0.15	0.60	2.52
	25.30	29.90	2	4.60		0.15	0.57	0.79
	29.90	37.70	2	7.80		0.15	0.57	1.33
	37.70	45.00	2	7.30		0.15	0.57	1.25
	45.00	49.00	2	4.00		0.15	0.60	0.72
	49.00	53.10	2	4.10		0.15	0.60	0.74
	53.10	67.30	2	14.20		0.15	0.60	2.56
	67.30	69.30	2	2.00		0.15	0.40	0.24
	69.30	76.40	2	7.10		0.15	0.40	0.85
	76.40	89.70	2	13.30		0.15	0.58	2.31
	89.70	94.40	2	4.70		0.15	0.58	0.82
	94.40	106.00	2	11.60		0.15	0.54	1.88
	106.00	108.10	2	2.10		0.15	0.56	0.35
	108.10	116.80	2	8.70		0.15	0.56	1.46

Main Road Towards PK Bakery (RHS)

	0.00	15.60	2	15.60		0.15	0.60	2.81
	15.60	24.40	2	8.80		0.15	0.62	1.64
	24.40	39.70	2	15.30		0.15	0.61	2.80
	39.70	52.20	2	12.50		0.15	0.61	2.29
	52.20	71.20	2	19.00		0.15	0.78	4.45

Park Road (RHS)

Form Main Road	0.00	4.90	2	4.90		0.15	0.80	1.18
	4.90	9.10	2	4.20		0.15	0.80	1.01
	9.10	12.10	2	3.00		0.15	0.40	0.36

	12.10	15.30	2	3.20		0.15	0.40	0.38
	15.30	18.90	2	3.60		0.15	0.40	0.43
	18.90	35.60	2	16.70		0.15	0.40	2.00
	35.60	43.60	2	8.00		0.15	0.60	1.44
	43.60	46.10	2	2.50		0.15	0.60	0.45
	46.10	65.90	2	19.80		0.15	0.60	3.56
	65.90	83.00	2	17.10		0.15	0.54	2.77
9th Cross Park Road Northern Side (RHS)								
Form 14th Main Road	0.00	12.00	2	12.00		0.15	0.50	1.80
	12.00	27.70	2	15.70		0.15	0.52	2.45
	27.70	35.60	2	7.90		0.15	0.58	1.37
	35.60	39.90	2	4.30		0.15	0.50	0.65
	39.90	45.00	2	5.10		0.15	0.50	0.77
	45.00	56.20	2	11.20		0.15	0.60	2.02
	56.20	62.10	2	5.90		0.15	0.60	1.06
	62.10	65.50	2	3.40		0.15	0.58	0.59
	65.50	72.60	2	7.10		0.15	0.58	1.24
	72.60	74.70	2	2.10		0.15	0.60	0.38
	74.70	100.30	2	25.60		0.15	0.60	4.61
	100.30	112.10	2	11.80		0.15	0.60	2.12
	112.10	131.10	2	19.00		0.15	0.60	3.42
	131.10	134.20	2	3.10		0.15	0.60	0.56
	134.20	161.50	2	27.30		0.15	0.60	4.91
Sidedhahalli Main Road (LHS)								
Near Ashwath Kate Front Side	0.00	13.80	2	13.80		0.15	0.90	3.73
11th Cross (Ragi mill) (LHS)								
Form Sidedhahalli Main Road	0.00	21.60	2	21.60		0.15	0.90	5.83
14th Main Road (RHS)								
From Main Road	0.00	2.00	2	2.00		0.15	0.56	0.34
	2.00	59.00	2	57.00		0.15	0.55	9.41
	59.00	75.00	2	16.00		0.15	0.56	2.69
	75.00	98.00	2	23.00		0.15	0.57	3.93
	98.00	121.00	2	23.00		0.15	0.60	4.14
	121.00	139.00	2	18.00		0.15	0.62	3.35
	139.00	145.00	2	6.00		0.15	0.65	1.17
	145.00	176.00	2	31.00		0.15	0.60	5.58
	176.00	194.00	2	18.00		0.15	0.65	3.51
	194.00	198.00	2	4.00		0.15	0.60	0.72
	198.00	202.00	2	4.00		0.15	0.60	0.72
	202.00	202.00	2	4.00		0.15	0.65	2.34
	202.00	214.00	2	12.00		0.15	0.65	0.98
	214.00	219.00	2	5.00		0.15	0.65	0.98
	219.00	236.00	2	17.00		0.15	0.60	3.06
	236.00	256.00	2	20.00		0.15	0.60	3.60
14th Main Road (LHS)								
From Balaji Store	0.00	2.00	2	2.00		0.15	0.56	0.34
	2.00	24.00	2	22.00		0.15	0.50	3.30
	24.00	32.00	2	8.00		0.15	0.60	1.44
	32.00	66.00	2	34.00		0.15	0.60	6.12
	66.00	72.00	2	6.00		0.15	0.65	1.17
	72.00	108.00	2	36.00		0.15	0.65	7.02
	108.00	131.00	2	23.00		0.15	0.65	4.49
	131.00	163.00	2	32.00		0.15	0.65	6.24
	163.00	169.00	2	6.00				
	169.00	195.00	2	26.00		0.15	0.62	4.84
	195.00	199.00	2	4.00		0.15	0.62	0.74
Cross Road								



Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

Pre-Measurement Sheet

First and Part

	199.00	220.00	2	21.00		0.15	0.63	3.97	
	220.00	250.00	2	30.00		0.15	0.63	5.67	
	250.00	256.00	2	6.00					Cross Road
	256.00	276.00	2	20.00		0.15	0.65	3.90	
14th Main Road (RHS) Towards South Side									
From Main Road	0.00	2.00	2	2.00		0.15	0.56	0.34	
	2.00	20.00	2	18.00		0.15	0.60	3.24	
	20.00	23.00	2	3.00		0.15	0.60	0.54	
	23.00	38.00	2	15.00		0.15	0.60	2.70	
	38.00	54.00	2	16.00		0.15	0.65	3.12	
	54.00	59.00	2	5.00					Cross Road
	59.00	71.00	2	12.00		0.15	0.65	2.34	
	71.00	74.00	2	3.00		0.15	0.65	0.59	
	74.00	79.00	2	5.00					Cross Road
	79.00	110.00	2	31.00		0.15	0.65	6.05	
14th Main Road (LHS) Towards South Side									
From Main Road	0.00	2.00	2	2.00		0.15	0.58	0.35	
	2.00	3.00	2	1.00		0.15	0.60	0.18	
	3.00	20.00	2	17.00		0.15	0.60	3.06	
	20.00	23.00	2	3.00		0.15	0.65	0.59	
	23.00	29.00	2	6.00		0.15	0.63	2.73	
	29.00	43.00	2	14.00		0.15	0.65	2.73	
	43.00	48.00	2	5.00					Cross Road
	48.00	59.00	2	11.00		0.15	0.66	2.18	
	59.00	74.00	2	15.00		0.15	0.65	2.93	
	74.00	79.00	2	5.00					Cross Road
	79.00	95.00	2	16.00		0.15	0.60	2.88	
	95.00	110.00	2	15.00		0.15	0.60	2.70	
NEW CULVERTS									
18th Main Road			2	6.80		0.20	0.80	2.18	
17th Main Road			2	6.90		0.20	0.80	2.21	
16th Main Road			2	7.30		0.20	0.80	2.34	
Main Road towards Pk Bakery			2	11.00		0.20	0.80	3.52	
Total Qty Work Done								696.84	Cum
Qty Payable in this bill								696.84	Cum

Contractor Representative

Assistant Engineer
Project-Dasarahalli Division
BBMP-Banglore

Asst. Executive Engineer
Project Division, Dasarahalli
BBMP, Bangalore

Consultant Representative

Asst. Executive Engineer
Project-Dasarahalli Division
BBMP-Banglore

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI PROJECT

DESCRIPTION OF WORK: Improvements and Construction of CC Road and Drains at MEI Layout and Surrounding Roads in No. 14 Bagalagunte.

Name of the Contractor :

Pre-Measurement Sheet

First and Part

No:	5	
Item No:	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 for TMT Bars Fe500 Complete with all lead and lift and as per the direction of the Engineer-in-Charge.	

Pre measurement of Steel for RCC Drain

Sl no	Dia of Bar in mm	Side	Spacing of Bar	Nos	Length of Bar in mtr	Total Length of Bar in mtr	Type of Bar	Standard Weight per Meter in kgs	Weight of Steel in kgs	Remarks
New Drain LHS										
1	10	1	150mm C/c	7	2194.4	15360.8	Distribution	0.64	9831	
2	10	1	150mm C/c	14629	2.6	38036.3	Main Bar	0.64	24343	
Culvert										
cross roads										
1	10	2	150mm C/c	8	32	512.0	Distribution	0.64	328	
2	12	2	100mm C/c	320	2.8	1792	Main Bar	0.89	1595	
Total Quantity of Steel in Kg's									36096.7	kgs
Total Quantity of Steel in Tonnes									36.10	Tonnes

Contractor Representative

Assistant Engineer
Project-Dasarahalli Division
BBMP-Bangalore

Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

Consultant Representative

Asst. Executive Engineer
Project-Dasarahalli Division
BBMP-Bnglore

BRUHAT BANGALORE MAHANAGARA PALIKE**DASARAHALLI PROJECT**

IE OF WORK: Improvements and Construction of CC Road and Drains at MEI Layout and Surrounding s in Ward No. 14 Bagalagunte.

e of the Contractor :

Measurement Sheet**First and Part**

m 2:	6								
m me:	Providing and fixing RCC precast cover slab of 250 mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including formwork, lift charges, curing and concrete finished surfaces on both sides etc., complete as per drawing and directions of engineer-in-charge.Data rate								
	CHAINAGE	NO	L	B	B1	Avg B	D	QTY	REMARKS
	Land Mark		(m)	(m)	(m)	(m)	(m)		
	NEW CULVERTS								
	18th Main Road	1	6.80			1.20		9.00	
	17th Main Road	1	6.90			1.20		9.00	
	16th Main Road	1	7.30			1.20		9.00	
	Main Road towards Pk Bakery	1	11.00			1.20		14.00	
	Total Qty Work Done							41.00	Sqm
	Qty Payable in this bill							41.00	Sqm

Contractor Representative

Assistant Engineer

Project-Dasarahalli Division

BBMP-Banglore

Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

Consultant Representative

Asst. Executive Engineer

Project-Dasarahalli Division

BBMP-Bnglore

BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI PROJECT

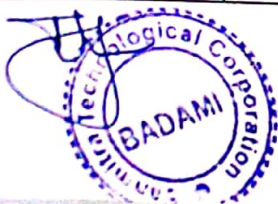
WORK: Improvements and Construction of CC Road and Drains at MEI Layout and Surrounding Vard No. 14 Bagalagunte.

the Contractor :

Measurement Sheet

First and Part

No:	7									
ame:	Providing and laying pre-cast drain cover slabs of 100mm thickness in C.M (1:3)									
	CHAINAGE		NO	L	B	B1	Avg R	D	QTY	REMARKS
	Land Mark			(m)	(m)	(m)	(m)	(m)		
New CC Drain										
15th Main Road (RHS)										
MEI t Main oad	0.00	21.00	1	21.00			0.90		18.90	
	21.00	25.00	1	4.00						BS Slab
	25.00	37.40	1	12.40			0.90		11.16	
	37.40	49.30	1	11.90			0.90		10.71	
	49.30	53.30	1	4.00			0.90		3.60	
	53.30	55.70	1	2.40						BS Slab
	55.70	62.90	1	7.20			0.90		6.48	
	62.90	73.90	1	11.00						BS Slab
	73.90	86.80	1	12.90			0.90		11.61	
	86.80	98.00	1	11.20			0.90		10.08	
	98.00	115.40	1	17.40			0.90		15.66	
15th Main Road (LHS)										
rm MEI out Main Road	0.00	18.40	1	18.40			0.90		16.56	
	18.40	20.00	1	1.60						BS Slab
	20.00	28.20	1	8.20			0.90		7.38	
	28.20	41.20	1	13.00						BS Slab
	41.20	46.20	1	5.00			0.90		4.50	
	46.20	55.00	1	8.80					0.00	BS Slab
	55.00	60.60	1	5.60			0.90		5.04	
	60.60	69.90	1	9.30			0.90		8.37	
	69.90	72.30	1	2.40			0.90		2.16	
	72.30	75.60	1	3.30						BS Slab
	75.60	90.60	1	15.00			0.90		13.50	
	90.60	102.00	1	11.40						BS Slab
	102.00	109.50	1	7.50						Only Kerb
1st Cross Road (LHS)										
orm Medicare Clinic Front Road	0.00	8.30	1	8.30			0.90		7.47	
	8.30	12.30	1	4.00						BS Slab
	12.30	27.30	1	15.00			0.90		13.50	
	27.30	42.30	1	15.00			0.90		13.50	
	42.30	57.30	1	15.00			0.90		13.50	
	57.30	72.30	1	15.00			0.90		13.50	
	72.30	73.60	1	1.30			0.90		1.17	

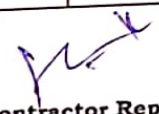
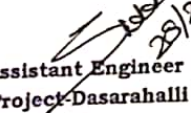


Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

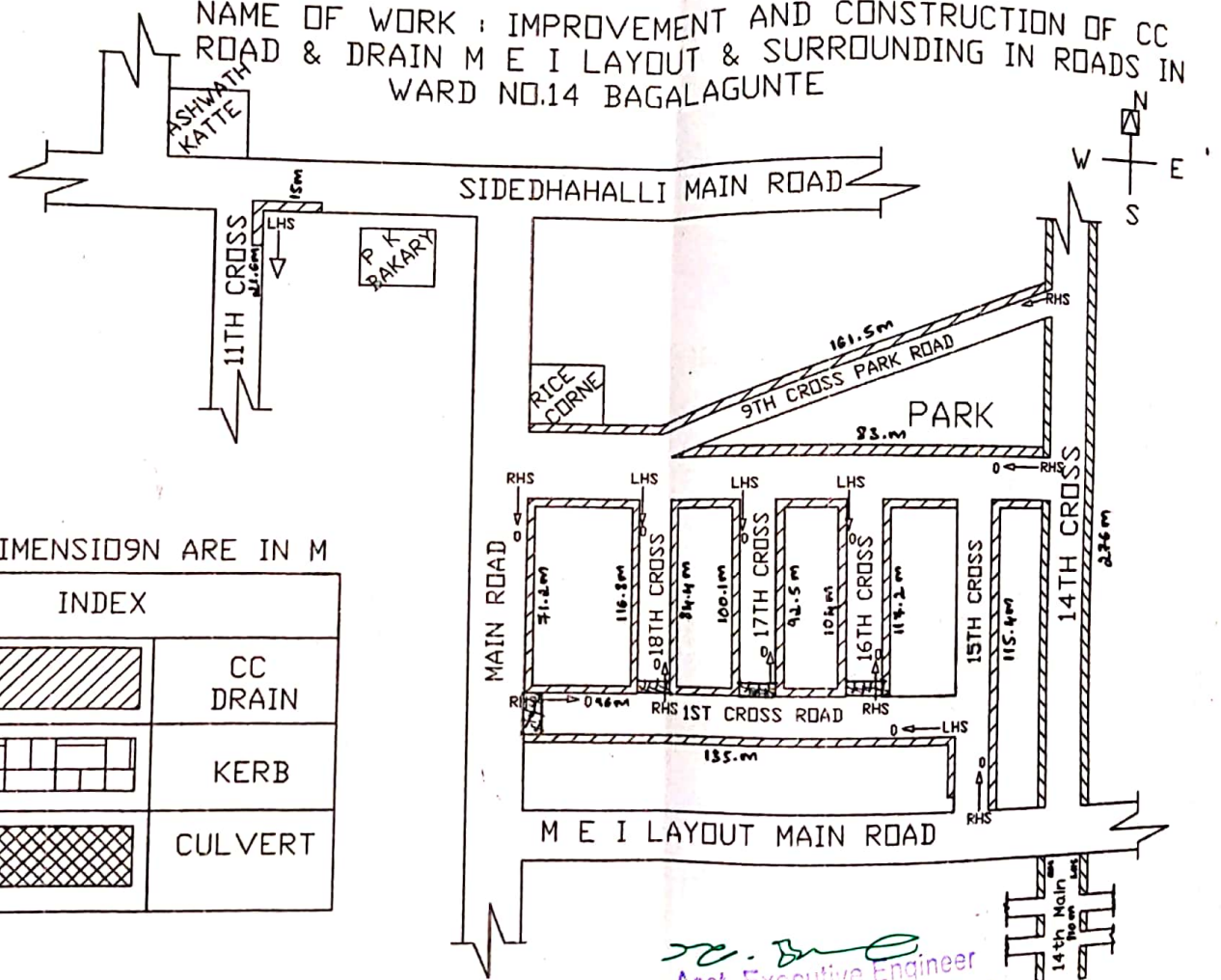
	27.70	35.60	1	7.90					PC Slab
	35.60	39.90	1	4.30		0.90		3.87	
	39.90	45.00	1	5.10					PC Slab
	45.00	56.20	1	11.20		0.90		10.08	
	56.20	62.10	1	5.90		0.90			PC Slab
	62.10	65.50	1	3.40		0.90		3.06	
	65.50	72.60	1	7.10					PC Slab
	72.60	74.70	1	2.10		0.90		1.89	
	74.70	100.30	1	25.60					PC Slab
	100.30	112.10	1	11.80		0.90		10.62	
	112.10	131.10	1	19.00					PC Slab
	131.10	134.20	1	3.10		0.90		2.79	
	134.20	161.50	1	27.30					PC Slab
Sidedhahalli Main Road (LHS)									
Near Ashwath Kate Front Side	0.00	13.80	1	13.80		0.90		12.42	
11th Cross (Ragi mill) (LHS)									
Form Sidedhahalli Main Road	0.00	21.60	1	21.60					PC Slab
14th Main Road (RHS)									
From Main Road	0.00	2.00	1	2.00					PC Slab
	2.00	59.00	1	57.00					PC Slab
	59.00	75.00	1	16.00		0.90		14.40	
	75.00	98.00	1	23.00					PC Slab
	98.00	121.00	1	23.00		0.90		20.70	
	121.00	139.00	1	18.00					PC Slab
	139.00	145.00	1	6.00		0.90		5.40	
	145.00	176.00	1	31.00					PC Slab
	176.00	194.00	1	18.00		0.90		16.20	
	194.00	198.00	1	4.00					PC Slab
	198.00	202.00	1	4.00		0.90		3.60	
	202.00	214.00	1	12.00					PC Slab
	214.00	219.00	1	5.00		0.90		4.50	
	219.00	236.00	1	17.00					PC Slab
	236.00	256.00	1	20.00		0.90		18.00	
	256.00	276.00	1	20.00					PC Slab
14th Main Road (LHS)									
From Balaji Store	0.00	2.00	1	2.00					PC Slab
	2.00	24.00	1	22.00		0.90		19.80	
	24.00	32.00	1	8.00					PC Slab
	32.00	66.00	1	34.00		0.90		30.60	
	66.00	72.00	1	6.00					PC Slab
	72.00	108.00	1	36.00		0.90		32.40	
	108.00	131.00	1	23.00					PC Slab
	131.00	163.00	1	32.00		0.90		28.80	
	163.00	169.00	1	6.00					Cross Road
	169.00	195.00	1	26.00					PC Slab
	195.00	199.00	1	4.00		0.90		3.60	
	199.00	220.00	1	21.00					PC Slab
	220.00	250.00	1	30.00		0.90		27.00	



Asst. Executive Engineer
Project Division, Dasarahalli Zone
BBMP, Bangalore

	163.00	169.00	1	6.00				0.00	Cross Road
	169.00	195.00	1	26.00			0.04	1.04	N/t
	195.00	199.00	1	4.00			0.04	0.84	N/t
	199.00	220.00	1	21.00					Cross Road
	220.00	250.00	1	30.00					
	250.00	256.00	1	6.00			0.04	0.80	
	256.00	276.00	1	20.00					
14th Main Road (RHS) Towards South Side									
From Main Road	0.00	2.00	1	2.00			0.04	0.08	
	2.00	20.00	1	18.00			0.04	0.72	N/t
	20.00	23.00	1	3.00			0.04	0.60	N/t
	23.00	38.00	1	15.00					Cross Road
	38.00	54.00	1	16.00					
	54.00	59.00	1	5.00			0.04	0.48	N/t
	59.00	71.00	1	12.00					Cross Road
	71.00	74.00	1	3.00					
	74.00	79.00	1	5.00			0.04	1.24	
	79.00	110.00	1	31.00					
14th Main Road (LHS) Towards South Side									
From Main Road	0.00	2.00	1	2.00			0.04	0.08	N/t
	2.00	3.00	1	1.00			0.04	0.68	N/t
	3.00	20.00	1	17.00					Cross Road
	20.00	23.00	1	3.00			0.04	0.24	
	23.00	29.00	1	6.00			0.04	0.56	
	29.00	43.00	1	14.00					Cross Road
	43.00	48.00	1	5.00			0.04	0.44	N/t
	48.00	59.00	1	11.00					Cross Road
	59.00	74.00	1	15.00					
	74.00	79.00	1	5.00			0.04	0.64	N/t
	79.00	95.00	1	16.00			0.04	0.60	
	95.00	110.00	1	15.00					
Total Qty Work Done								67.31	Sqm
Qty Payable in this bill								67.31	Sqm
 Contractor Representative  Assistant Engineer Project-Dasarahalli Division BBMP-Bangalore  Asst. Executive Engineer Project Division, Dasarahalli Zone BBMP, Bangalore  Consultant Representative  Asst. Executive Engineer Project-Dasarahalli Division BBMP-Bangalore 									

NAME OF WORK : IMPROVEMENT AND CONSTRUCTION OF CC ROAD & DRAIN M E I LAYOUT & SURROUNDING IN ROADS IN WARD NO.14 BAGALAGUNTE



ALL DIMENSIONS ARE IN M

INDEX	
	CC DRAIN
	KERB
	CULVERT

[Signature]
Asst. Executive Engineer
Project Division, Bagalagunte Zone